

Converting Colors

YUV(216.6910, -18.0887,
15.1800)

Have a look what the booklet for
YUV(216.6910, -18.0887, 15.1800)
contains.

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Color

**YUV(216.6910, -18.0887,
15.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD7B4
RGB	234, 215, 180
RGB Percent	92%, 84%, 71%
CMY	0.0824, 0.1569, 0.2941
CMYK	0.00, 0.08, 0.23, 0.08
HSL	39°, 56%, 81%
HSV	39°, 23%, 92%
XYZ	66.4703, 69.3886, 53.0700
YIQ	216.6910, 22.5590, -6.8570

Conversions

Conversions Part 2

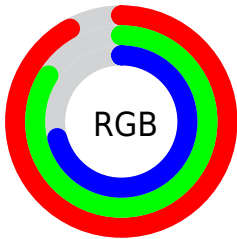
Format	Color
RYB	209, 234, 180
Decimal	15390644
CIELab	86.70, 1.16, 19.67
CIELCh	87, 19.701, 86.633
Yxy	69.3886, 0.3518, 0.3673
Android (android.graphics.Color)	4293580724 (0xFFEAD7B4)
YUV	216.6910, -18.0887, 15.1800
Hunter-Lab	83.2998, -3.3379, 20.5364

Details

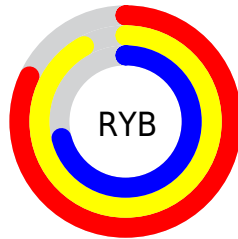
The YUV color $216.6910, -18.0887, 15.1800$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $197.3090, 18.0887, -15.1800$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $161.6200, -17.0677, 14.3653$ is the 20% darker color. If you saturate the color by 10%, you get $209.3730, -25.8199, 21.5979$, and if you desaturate by 10%, it is $224.0090, -10.3574, 8.7621$.

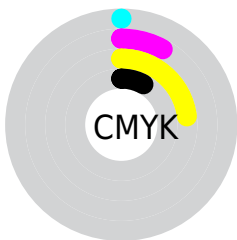
Distribution



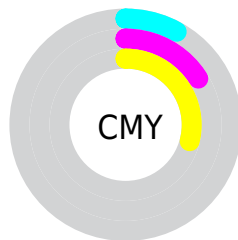
- Red (92%)
- Green (84%)
- Blue (71%)



- Red (82%)
- Yellow (92%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (8%)



- Cyan (8%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.6910, -18.0887, 15.1800 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 216.6910, -18.0887, 15.1800 by changing the saturation by 10% instead.

■ 216.6910,
-18.0887, 15.1800

■ 216.6910,
-18.0887, 15.1800

255.0000, 0.0000,
0.0000

■ 188.8050,
-17.6519, 15.0800

■ 252.8340, -8.2992,
1.8996

■ 161.6200,
-17.0677, 14.3653

■ 135.4350,
-16.4835, 13.6505

■ 109.9510,
-15.7518, 12.3210

■ 85.7660, -15.1676,
11.6062

■ 62.2820, -14.4360,
10.2767

■ 39.9830, -14.2886,

9.6619

■ 20.4110, -10.0626,
7.5326

■ 0.0000, 0.0000,
0.0000

■ 216.6910,
-18.0887, 15.1800

■ 216.6910,
-18.0887, 15.1800

■ 209.3730,
-25.8199, 21.5979

■ 224.0090,
-10.3574, 8.7621

■ 201.9410,
-33.9879, 28.1157

■ 231.4410, -2.1894,
2.2442

■ 194.0360,
-41.4297, 35.0484

■ 239.3460, 5.2524,
-4.6884

■ 186.6040,
-49.5978, 41.5663

■ 244.6120, 5.1213,
-9.3067

■ 179.2860,
-57.3290, 47.9842

■ 248.7210, 3.0955,
-12.9103

■ 171.9680,
-65.0602, 54.4021

■ 163.9490,
-72.9389, 61.4347

■ 159.1900,
-78.4807, 65.6084

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.3380, -15.9426, 26.8906



216.6910, -18.0887, 15.1800



214.5750, -15.5665, -0.5043

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.6910, -18.0887, 15.1800



210.6300, 11.0284, -37.3865



220.4010, 8.6763, 17.1883

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



216.6910, -18.0887, 15.1800



197.3090, 18.0887, -15.1800

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.7130, 15.4245, -0.6253



216.6910, -18.0887, 15.1800



212.3730, 17.5641, -33.6531

Square

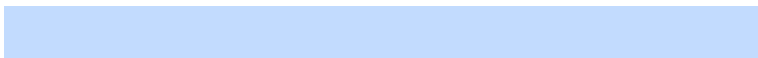
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.6910, -18.0887, 15.1800



210.5570, 1.6974, -31.1835



215.5150, 18.9731, -18.8687



220.4750, -0.2342, 28.5244

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.6910, -18.0887, 15.1800



212.7630, -10.7292, -12.0702



215.5150, 18.9731, -18.8687



220.0520, 11.3134, 11.3554

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



216.6910, -18.0887, 15.1800



249.4260, -6.1260, 4.8884



198.4260, 0.7760, 31.1984



124.3980, -3.6472, 3.1590



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.6910, -18.0887, 15.1800



232.2310, -23.7779, 19.9684



225.7510, -22.5552, 1.0954



113.3980, -3.6472, 3.1590



122.7980, -60.5394, 51.0432



36.6910, -18.0887, 15.1800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



197.3090, 18.0887, -15.1800



206.7690, 23.7779, -19.9684



188.2490, 22.5552, -1.0954



109.6020, 3.6472, -3.1590



58.2020, 60.5394, -51.0432



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 216.6910, -18.0887, 15.1800 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 216.6910, -18.0887, 15.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

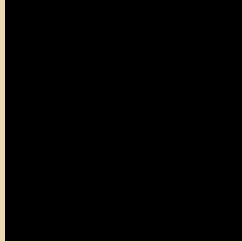
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.6910, -18.0887, 15.1800 Background



This preview shows how black text looks on a background with the YUV color 216.6910, -18.0887, 15.1800.



This preview shows how white text looks on a background with the YUV color 216.6910, -18.0887, 15.1800.

15.1800.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

216.6910, -18.0887, 15.1800

Protanopia

216.4840, -17.4936, 10.9765

Deuteranopia

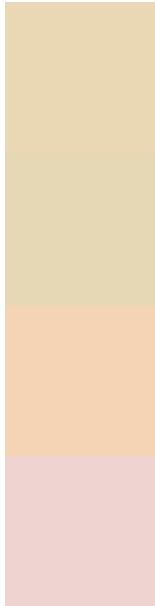
218.3660, -18.4214, 28.6200



Tritanopia

220.0930, 2.4192, 17.4584

Trichromacy



Original Color

216.6910, -18.0887, 15.1800

Protanomaly

216.4950, -17.4990, 12.7209

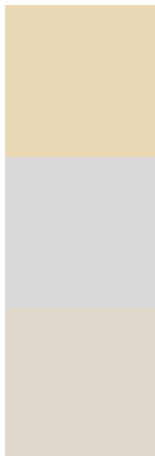
Deuteranomaly

217.7460, -18.1158, 23.9018

Tritanomaly

218.8450, -4.8536, 16.7989

Monochromacy



Original Color

216.6910, -18.0887, 15.1800

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.7250, -6.2734, 5.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6910, -18.0887, 15.1800 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(234, 215, 180)` looks like.

```
.text, #text, p{  
    color:rgb(234, 215, 180)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(234, 215, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 215, 180) }
```

Border

The CSS property to change the border of an element to YUV 216.6910, -18.0887, 15.1800 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 215, 180) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(234, 215, 180) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(234, 215, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 215, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 215, 180);  
box-shadow:4px 4px 4px 4px rgb(234, 215,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 216.6910, -18.0887, 15.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 215, 180) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(234,  
215, 180) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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